

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number  
WO 2004/062444 A2

(51) International Patent Classification: A47J

(21) International Application Number:  
PCT/US2004/000639

(22) International Filing Date: 12 January 2004 (12.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 10 July 05  
60/439,347 10 January 2003 (10.01.2003) US

(71) Applicant and

(72) Inventor: LEE, Simon [US/US]; 11101 North 46th Street,  
Tampa, FL 33617 (US).

(74) Agents: GURFINKEL, Daniel, M. et al.; Welsh & Katz,  
Ltd., 120 S. Riverside Plaza, 22nd Floor, Chicago, IL 60606  
(US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

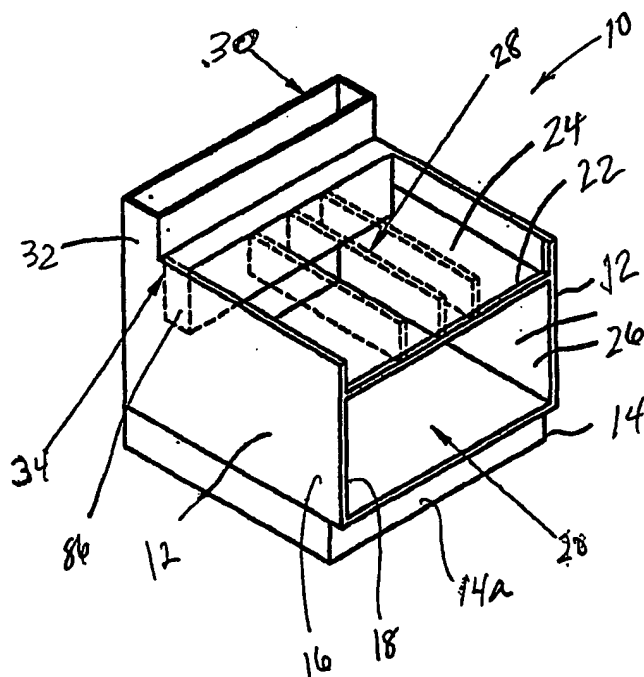
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-  
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: MODULAR RECONFIGURABLE APPLIANCE



(57) Abstract: A modular reconfigurable appliance receptacle having an array of connectors to accommodate to hold a plurality of different appliance units is provided. The modular reconfigurable appliance unit receptacle comprises a frame for holding various appliance units in different spatial configuration, generally horizontal and vertical, and connectors to quickly connect and/or disconnect the appliance units to the type of power utility necessary, such as gas for a stove, and electricity for a microwave oven. The appliance units are removably attached within the frame, and are interchangeable such that they are configurable as desired and can be removed for repair or replacement, with ease. To add to the configurability of the receptacle, the frame permits one or more appliance units in both vertical and horizontal spaces within and on the frame. The appliance units can be modified to change their appearance with removably attachable decorative covers, such that interchangeability and modification are made quick, easy and affordable.

WO 2004/062444 A2